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# Eating Christmas cookies, whole-wheat bread and frozen chicken in the kindergarten: doing pedagogy by other means

Michalis Kontopodis

**Abstract:** The study presented here explores eating as a pedagogical practice by paying attention to arrangements of things such as Christmas cookies, whole-wheat and white bread, frozen chicken, plates, chairs, tables, and freezers. Through a series of ethnographic research examples from German and Brazilian preschools, it investigates how eating in the kindergarten can be a sensual pleasure, a health risk, an ethnic custom, or a civil right within different local histories. Through specific arrangements of foods and other things, young children are educated to eat with moderation, to change their ethnic dietary habits, or to be “modern citizens”. Pedagogy can thus consist of *doing* public health, *doing* ethnic identity, or *doing* citizenship. Eating is an important way of *doing* pedagogy in early childhood education and care settings.

**Keywords:** Agroecology · Early childhood education · Ethnicity · Early childhood obesity prevention · Performativity

## Von Weihnachtsplätzchen, Vollkornbrot und tiefgefrorenen Hähnchen: Essen im Kindergarten als eine Art um Pädagogik mit anderen Mitteln zu Betreiben

**Zusammenfassung:** Die hier vorliegende Studie untersucht Essen als pädagogische Praxis und legt dabei besonderes Augenmerk auf Anordnungen von Dingen wie Weihnachtsplätzchen, Vollkorn- und Weißbrot, tiefgefrorenen Hähnchen, Tellern, Stühlen, Tischen und Gefriergeräten. Durch eine Reihe von ethnographischen Forschungsbeispielen aus deutschen und brasilianischen Kindergärten wird untersucht, wie das Essen im Kindergarten ein sinnliches Vergnügen, ein gesundheitliches Risiko, eine ethnische Ernährungsgewohnheit oder ein Bürgerrecht innerhalb von vielschichtigen lokalen Geschichten sein kann. Die Kinder werden durch Anordnungen von Lebensmitteln und anderen Dingen erzogen, in Maßen zu essen, ihre ethnischen Ernährungsgewohnheiten zu ändern oder „moderne Bürger/-innen“ zu sein. Je nachdem ist Pädagogik ein *doing* von Volksgesundheit, ethnischer Identität oder Bürgerschaft und Essen im Kindergarten ist eine wichtige Art und Weise, um dies in frühkindlichen Einrichtungen zu betreiben.

**Schlüsselwörter:** Agroökologie · Adipositasprävention im Vorschulalter · Ethnizität · Frühkindliche Bildung · Performativität

## 1 Exploring eating as a pedagogical practice

The pedagogical dimensions of eating have been widely discussed since the very beginning of Western philosophy—especially when referring to feeding and taking care of the newborn (Althans and Bilstein, 2014). When referring to preschool and school-aged children, eating has been studied as a ritualized performance that is culturally and historically shaped and entails the dynamic negotiation of power relations—most importantly of the pedagogical authority of adults over the children (Audehm 2007). Many sociologists of childhood have also studied the various ways in which Western civilizations and schools in particular “educate” the child body, which entails the transmission of values about eating (Shilling 2008).

But how exactly is eating done in the kindergarten and what are the pedagogical relations that are enacted during eating? How are pedagogical values materialized in eating settings? Which are the roles of things such as plates, furniture, or foods in *doing* pedagogy? How do eating settings in kindergartens reflect local eating habits, local histories of schooling and local histories of public health policies? Which are the tensions and power constellations that are entailed and negotiated in eating settings in kindergartens?

In the following pages I will try to illuminate these questions on the basis of ethnographic research materials from kindergartens that have developed specific concerns about food and eating. I will pay attention to things as well as to the corporeal and performative aspects of action (cf. Kontopodis 2012a; Mol 2008a; Wulf and Zirfas 2007). I will not present though more details on theory and methodology here, and I will also not follow the typical structure of an academic article below: instead I will let my argument unfold in three steps through the parallel presentation of methodological details, ethnographical data and theoretical discussion.<sup>1</sup>

For purposes of contrast and given the space limitations of a journal article, I will refer to concrete examples from research materials from three kindergartens: two kindergartens that were located in Berlin, Germany, and another one located in the countryside of Espírito Santo, Brazil.<sup>2</sup> The German kindergartens participated in a large-scale obesity prevention program created by the *General Funds for the Local Ill<sup>3</sup>*, which significantly modified the eating practices in the kindergarten. The Brazilian kindergarten participated in the *National Program of School Alimentation (Programa Nacional de Alimentação Escolar)* while at the same time developed a specific pedagogy that was oriented towards small-scale agro-ecological production (*Pedagogia da Terra*). These programs generated a variety of tensions in pedagogical practice that reflected contradictory local histories and power constellations.

## 2 Eating just one Christmas cookie: pedagogy of restricted sensual pleasure at a kindergarten in Berlin Lichtenberg

Shortly before Christmas we were preparing traditional German Christmas cookies in a public working class kindergarten with almost no migrant children in the formerly East Berlin neighborhood of Lichtenberg. “We” in this case meant two teachers, about twenty children aged 3 and 4, and myself. I had already been doing fieldwork for 2 months participating in all possible activities, and everybody was familiar with my presence. The children were happy to play with the dough and make their own cookies. They wore aprons so as not to become dirty, and chef hats to make the whole event even more fun. Every child wanted to participate; we had a lot of time and a lot of dough, so we prepared dozens of cookies. Then, at noon, the children had lunch and then a nap. During the nap time cookies were transferred to the central kitchen of the kindergarten to be baked.

When the children woke up, a few of them were picked up by their parents. For the rest it was time for a snack. They came into the lunchroom, where the three round tables that could each seat six children were decorated with a Christmas centerpiece. This consisted of a candle placed on a wooden base, with a wreath of plastic pine tree leaves, stars, cinnamon pieces and Christmas balls. The teachers<sup>4</sup> knew that eight children would be having a snack, and while the children were sleeping the teachers had prepared the snack by putting just one cookie on each child’s plate in front of each child’s chair (thus using just two of the tables i.e. four + four chairs). The teachers kept the rest of the cookies out of the children’s view. The children were supposed to sit and eat within 10–15 min as well as to accept strict rules of movement enforced by the teacher. The teacher was visible because she stood while the children were sitting, and the room was small so that she could see everything and have eye contact with almost everybody. The rule, “when we eat, we do not speak” was as usually enforced by the teacher’s presence.

There was literally no possibility for a child to eat a second cookie, since only one cookie per child was available and all other cookies were invisible. A child could also not eat another child’s cookies, since every child had a small plate with the one cookie in front of him/her and was definitely curious or hungry enough to eat this one cookie. Thus not much was happening: children ate their cookie and drank a fruit-based tea while listening to Christmas songs from the CD player. When all the children were finished, each child brought his/her plate and cup back to a tray and they moved to the next room for the next activity (ethnographic field-notes and transcription of video-recording by the author).

Making young children happy was one of the requirements teachers were trained to fulfill in Germany. It was expected of them by parents and kindergarten directors. This corresponded with German pedagogical traditions and is even implied in the German word *kindergarten* which literally means *garden in which the children grow* as if they were flowers (cf. Fichtner 2009). Cutting an apple in a funny way, shaping cooked potatoes into stars, decorating the tables according to the time of year, baking cakes together, and especially celebrating Halloween, Christmas, and birthdays seemed to be an important part of what

**Fig. 1:** One Christmas cookie per child



it was to be in the kindergarten—both as a teacher and as a child. The teachers I observed were motivated in preparing each of those celebrations.

All this had an aesthetic dimension that involved the senses: foods of particular smells and tastes in the shape of stars, trees, or hearts and, if possible, in vivid colors went together with music, candlelight, and playroom decoration. Eating was a sensual pleasure as well as a ritual activity that was important for the social life of the young children and the teachers as a community.<sup>5</sup> In this context a thing like a cookie was interlinked to the child body: the shared implicit understanding was that the child's body had a particular preference for the Christmas cookie because it was sweet, smelled nice, was crispy and easy to eat, and had a nice shape.

Pedagogy was directed towards *sensual pleasure* but was also directed towards discipline and control: Coming from a different socio-cultural background, that of middle-class rural Greece, I was quite astonished that the children in this setting did not share a buffet or a big platter with many cookies, thus eating as much as they liked while socializing i.e. celebrating the coming Christmas with the others. The teachers created an arrangement of individual portions in which the things themselves, i.e. the one cookie per one dish per one chair per child at the table in combination with the given time-frame of the 10–15 min available for this snack, controlled the young children's actions (Fig. 1).

Every child ate the cookie in silence and no child expressed any complaint or asked for more cookies, since it looked like no more cookies would be available. The history of the arrangement of the individual portion, i.e. of a certain amount of food per child can be traced back to Protestant religious habits and former East German routines. The main reason, however, why there was no buffet or centrally available platter with a lot of cookies for each child to eat *ad libitum* was because, according to recent “anti-obesity” guidelines, young children must eat *within limits*, i.e. young children should not eat more than a particular quantity of sweets.<sup>6</sup>

Public health officials, economists, and health politicians as well as actors of the educational sector have recently proclaimed “obesity” a major epidemic in Germany on the basis of a quite long German history in the public prevention of chronic diseases.<sup>7</sup>

Although there is little agreement in regard to the causes of “obesity,” a common topos among many scientists, politicians, and people working in prevention promotion is that the “obesity epidemic” can be treated most effectively by prevention practices—the earlier such practices begin, the better (Kontopodis 2013). In this context, the child body’s preference for the cookie was believed to be so strong that if endless cookies had been available, at least some of the children would have eaten much more than appropriate in terms of calories intake, as the teachers explained to me. Given that there are often celebrations, eating more than appropriate could then lead to “obesity.”

As already mentioned, the kindergarten where the above-presented scene took place ran an obesity prevention program created by the General Funds for the Local Ill. The teachers had recently been further trained in applying the so-called *setting approach in obesity prevention*, which included modifications of eating settings as well as of playground architecture, increased emphasis on sports, the continuous provision of fruit and water at the kindergarten, and the circulation of information material about healthy nutrition.

On the one hand, teachers were thus expected to make young children happy by making, eating, and enjoying cookies as an important part of the Christmas ritual. On the other hand, they were expected to prevent young children from eating too much. The teachers found themselves obliged to combine pleasing the young children, performing community, teaching moderation, and getting children used to restricted eating. Eating was enacted both as a pleasure to which the child’s body was “naturally drawn” and as risky for the child’s body.

This tension was expressed in the *pedagogy of restricted pleasure* performed in the above-described setting. My fieldnotes include plenty of examples of such practices: counting food quantities and regulating food intake was generally regarded by the teachers as the most significant preventive intervention at this kindergarten. Teachers did not discuss *with* the young children how to deal with the different logics of eating.<sup>8</sup> They also did not create *with* the children a setting for eating cookies. Instead, the teachers prepared the eating setting *for* the children *without* the children, while the children were sleeping. The teachers performed therefore pedagogical authority, which went together with the non-participation of the young children in creating their everyday-life settings and activities in the kindergarten.

Valuing health over sharing and eating food without restrictions was the mode of expression of pedagogical authority. Young children were expected not just to learn to eat with moderation, but also to accept the teachers’ authority. The ordering of *one cookie per plate per chair per child within a short time-frame* mediated this relation between the teachers and the young children. In this sense eating was a way to do pedagogy by other means i.e. not through plays, child books and songs or learning activities but by means of individual portions and restricted access to cookies. Doing pedagogy in this way was more implicit but also more powerful than e.g. teaching moderation by means of story telling or theatre playing would be. Pedagogy merged in this way with biomedical science and teachers became “health experts” (cf. Evans and Davies 2004, p. 39).

### **3 Eating whole-wheat or white bread: identity politics by other means at a kindergarten with many migrant children in Berlin wedding**

I am as usually video-recording while standing next to one of the classroom walls with a small camera. The meal for today is fish fingers with potatoes and a sauce made with oil, flour, and vinaigrette. What makes the setting unusual is that I have placed a platter on each table containing equal amounts of whole-wheat and white bread. Samira (pseudonym) who is about 3 years old is joyful about my presence; she is one of the children that I have followed ethnographically for a few weeks. She has already had a first portion and then goes back to the tray with all the food, taking two more fish fingers, potatoes, and as much sauce as her plate can hold.

After eating the potatoes and the fish, she takes quite a big piece of white bread and first with her right, then also with her left hand she puts the bread onto the plate and tries to soak up as much sauce as possible and then eat the bread with all this sauce. Often, while she repeats this, she licks one or more fingers and smiles to the camera and the children sitting around her. This happens six or seven times, then she takes more sauce and more bread and repeats the same until there is no sauce left. The plate looks like it has been cleaned; she lifts it up and shows it around while licking her lips. The other children around, who have eaten in a similar way, look at her and smile. When everybody is finished, most of the white bread is eaten, while the whole-wheat bread is left almost intact. Similar interactions among the children during eating have taken place in other occasions, also when I was not filming (ethnographic fieldnotes and transcription of video-recording by the author).

The scene above was part of a quasi-experiment (DiNardo 2008) in a kindergarten located in Wedding, part of former West Berlin and more concretely in a neighborhood where many migrant families, mostly of Turkish or Arabic ethnicity, live. I designed the quasi-experiment as part of my research there. The experiment consisted of providing the young children with both white and whole-wheat bread for their lunch and exploring what would happen. It became clear that children could use the different breads for different functions: The white bread was soft and could absorb sauce. The whole-wheat bread was sturdy, so one could put things like cucumber or tomato on a slice of that bread.

Culture became here materialized in an interesting way, because the young children of Turkish and Arabic ethnicity were used to having bread with food, using their fingers and enjoying the sauce or the olive oil of the salad in the way Samira did above. Children and teachers of German ethnicity were instead used to eating harder whole-wheat bread cut into slices, with cheese or ham and some green stuff on it. This type of bread was mostly used for snacks and if it accompanied a soup, it would not be soaked in it but eaten separately—not to mention that children of German ethnicity would most probably be obliged to try to use a fork and a knife for eating and would not easily be allowed to put bread in the soup/sauce while touching the food with their fingers.

Children aged 3–4 years old like Samira had already developed know-how for such things. It was remarkable for the German teachers that the sauce was made just to be put on the potatoes (in what would have been a typical German dish for children) but Samira enjoyed the sauce and the bread in a different way than the teachers had expected. Taking



into consideration her whole performance of licking fingers and filling the plate with sauce again and again, eating seemed to be a sensual pleasure that Samira enjoyed—a feeling she communicated to the other children around her.

This logic that eating is a sensual pleasure contradicted, however, to the teachers' logic based on the guidelines by the General Funds for the Local III (AOK): Since the beginning of the kindergarten period, all the teachers (who were German) had complained that parents of Turkish or Arabic ethnicity were giving their children white bread with cheese or ham (instead of whole-wheat bread) to eat as snacks in the kindergarten as well as to eat at home. For the German teachers, eating was a means of providing the child body with enough nutrients (in this case fibers). The guidelines behind this logic were quite dogmatic and did not allow for ethnic or alternative dietary models.<sup>9</sup> Doing public health could have happened by incorporating ethnic food preferences in German nutritional models, but this was not the case because the whole-wheat bread has been significantly privileged over white bread during a long history of public health policy in Germany—more than anywhere in the world (Rabinow 1996, p. 104; Spiekermann 2001). The pedagogy resulting from those guidelines was absolute in the case described above: the state, through the public kindergarten, was responsible for educating both parents and young children about what and how young children should eat i.e. eating was a matter of pedagogical authority.

There were also further differences between the teachers and parents regarding pedagogical styles and values about childhood and child-rearing, the distribution of work and authority between men, women, and the extended family, preferences about clothes, toys and (class-)room decoration/architecture as well as preferences about food, religious habits, and celebrations. In most cases parents also did not feel comfortable in the kindergarten; although they did not speak fluent German, the unofficial policy in the kindergarten was that speaking German was important and that not only young children, but also parents should accept this principle inside the kindergarten and in their lives in general.

The most conflictual issue between Turkish/Arabic-German parents and German teachers was however the bread that was given to young children. In this context teachers tried all possible means to educate parents to buy and prepare whole-wheat bread for their children:

- they provided whole-wheat bread with cucumber, tomato, and cheese during the parent evening, and were often disappointed that most food was left on the table;
- they rewarded children when parents gave them whole-wheat products and told the children off in the opposite case;
- they put whole-wheat bread pictures on the information board;
- they repeatedly told the children and parents that white bread is unhealthy.

Around December I showed Samira the video with her eating white bread from the above-presented quasi-experiment. We stood in front of my computer that was connected to a beamer and before I asked any questions she pointed to the white bread on the screen and said:

*Samira:* I like this one! (pointing to white bread on the screen)

*Michalis (researcher):* You like the white?

*S:* Yes (turning her face and looking to me)



M: And can you say why?

S: My favorite bread; this is from Turkey, I always buy it at the Turkish store and I like its taste.

M: Could you tell me what you take with you from home to eat here?

S: I always take cream cheese, and whole-wheat bread or cheese, with cucumbers, tomatoes, or carrots (continuing looking to me).

M: Why whole-wheat bread?

S: Because white bread is not allowed here (turning her face down).

M: Why is it not allowed?

S: I do not know (looking down to the floor and moving a little bit away).

(Transcription of video-recording by the author, translated from German by the author).

As one can tell from Samira's words, given that the tension between the German teachers and the parents of Turkish or Arabic ethnicity was high anyway, eating became a way for young children, parents and teachers to do *identity politics*.<sup>10</sup> Bread enacted a relation of cultural difference as a relation of pedagogical authority and resistance on issues related to child health and nutrition. Even if the teachers principally treated all young children as being "a population at risk of obesity," children of Turkish or Arabic ethnicity were considered to be more than "at risk" than the others.<sup>11</sup> The young children, in response, identified with the white bread by saying that it was *their* bread, which they bought it from the Turkish shops in their neighborhoods, as Samira did above. The white bread became the object that symbolized Otherness for the teachers and mediated the relation between the teachers (all Germans) and the parents and young children of Turkish or Arabic ethnicity.

Bread and not the individual portion, like in the previous example from Berlin Lichtenberg, was the object through which the tension between *eating for pleasure* and *eating for health* was materialized in this second kindergarten. The teachers did not collaborate in designing eating settings with the parents and the young children, but imposed their values to them. They were acting as the ones who knew what was better for the young children and what was not. Young children as well as parents were obliged to comply in practice, did not however accept the teachers' principles. The whole-wheat bread became a powerful and power-laden means to do ethnic identity politics, and young children of Turkish and Arabic ethnicity were considered as at risk because of their ethnic backgrounds.

#### **4 Eating frozen chickens at school: pedagogy of social justice at a kindergarten in the countryside of Espírito Santo**

In both examples above, young children were enacted as a population *at risk*. Just because of their age or their ethnicity, the young children's bodies interrelated to things such as cookies or white bread, were enacted as inclined to sensual pleasure, which de facto went together with eating "unhealthy." Restricting young children so that they would not eat white bread or so that they eat just a small quantity of sweets, as well as educating them and their parents to do so in other settings, were seen as the responsibilities of teachers and public kindergartens as state institutions in the present day.

Eating sweets or enjoying a certain type of bread are not, however, “natural” inclinations of young children’s bodies. Neither is early childhood education and care *per definitionem* concerned with health when it comes to eating. To shed more light on ways to do different pedagogies of eating, the next example will take us into a different pedagogical setting, that of a countryside preschool in Espírito Santo, Brazil:

Chicken boiled with tomato sauce and rice is the lunch for today at the preschool of a small village in Espírito Santo. As is the case all over Brazil, the (pre-)school serves lunch at 9.00 in the morning, i.e. between the first two and the last two hours of classes (*merenda escolar*). This lunch usually consists of cooked food and is prepared by the school cook. João is about 4 years old. Since I arrived he has been eager to interact with me—as are his parents—and is one of the children that I have followed ethnographically over a few days. João eats quite a big plate, as most children do. He then stands up, goes to the kitchen, and receives an extra piece of meat with some more rice and sauce, which he also eats while he makes jokes and plays with the other children sitting near him at the table. After all children have finished eating, the next school activities take place until 11.00. I then go with João to his home. It is around 12.00 when his mother prepared the table for today’s meal: chicken with rice, beans, and a little bit of salad. This time the chicken is fried, and there is no tomato sauce. João eats the whole plate quickly and moves to the yard to play with the cat (extract from ethnographic fieldnotes and transcription of video-recording by the author).

For many of Brazil’s children, their school meal is in fact their only proper meal of the day.<sup>12</sup> However, this is clearly not the case in the small village referred to above. This village has existed since 18 years, when the so-called *Landless Rural Workers* occupied land that belonged to a large-scale landlord. At the same time they fought for having a local small preschool and primary school within the newly established village run by teachers from the village. They were opposed to *large-scale agribusiness* and favored the so-called small-scale *agroecology* which went together with a specific pedagogics, the so-called *Pedagogia da Terra* (*pedagogics of the land*).<sup>13</sup> Indeed, irrigation systems were built and the trees and plants have grown enough so that the agricultural production has now been sufficient for the village population’s dietary needs.

*Chicken* with rice and beans is the most commonly served and eaten food in this small village. *Beef* with rice and beans would be the traditional Brazilian dish, but cows are expensive and require space, which the inhabitants of this village prefer to use for cultivating fruits, rice, beans, and vegetables. Chickens instead do not need much space and eat all possible organic rubbish. Every family owns chickens, as does João’s. By contrast, the chicken that children eat at school is produced in large quantities by a regional industry, frozen, and then bought and transported from quite far away through the prefecture. Three years ago, when the state refused to provide the newly built school with a freezer for the frozen chicken (because the school was too small for such a huge expense), the small-scale land workers did not volunteer to provide the school with, let’s say, two locally produced and fresh chickens per week; instead they volunteered to collect the necessary money and *buy* the freezer. The prefecture thus could deliver a certain amount of frozen chickens once per month to the school, and the cook could cook it twice or so per week.

If eating would be considered a sensual pleasure, like in the previous examples from German kindergartens, then eating the fresh and locally produced chicken at school would have been preferred over the frozen one—which was in other research fields considered to be much less tasty, at least for certain ways of cooking. Young children, parents, and teachers did not seem to distinguish at all between the fresh chicken and the frozen one, or to have any preference for the one or the other. There were no comments, facial expressions, gestures, or any sign of such a distinction.

Moreover, if eating were associated with health, as it was in the German kindergartens, one would have probably preferred the locally produced, organic chicken over the industrially produced one which contained preservatives and added hormones that could be considered toxic and hazardous for the long-term wellbeing of the young children's population. This is not to mention that there were plenty of chickens available in the village, where collective forms of agriculture were practiced and thus it would have been cheaper and easier to provide the local school with fresh chickens (ready to be cooked) than to fundraise and buy an expensive device like a freezer.

But eating in this context had very little to do with *sensual pleasure* or *health* in the sense those words had in the German kindergarten: eating at school was first of all a *civil right* for which social movements had fought for ages, and even if food was not indeed necessary in material terms, it was important on the symbolical level that the young children of the village were treated at school as full citizens of the Brazilian state, and enjoyed everything that all other young children had, i.e. a freezer and frozen chicken. In this setting a *pedagogy of social justice* was performed. In a similar way in which the arrangement of one cookie per child or the debate about eating whole-wheat bread materialized a long history of public health in Germany, the freezer materialized a long history of countryside movements for just distribution of the Brazilian wealth, for transformation of the Brazilian educational system into a system that would ensure a good quality of life according to modern standards for all.

The public preschool was expected to take responsibility for the young children's wellbeing—yet in quite a different way than was the case with the German state in the previous examples. The local community did what the state had not yet done (i.e. buy the freezer), within a logic of local empowerment. The pedagogical message that eating frozen chicken at school entailed was: countryside young children constitute the next generation of countryside people who will continue fighting for a better future for all.

Young children were however not given much choice, but also they did not manifest any strong preference for the one or the other chicken, like the young children often did for eating cookies or white bread in the German kindergartens. Furthermore no reflection took place on what the consequences of the use of expensive technology (financial, environmental, political, other) were, and the possible alternatives to this technology (e.g. traditional techniques).

## 5 Eating and doing pedagogy by other means

Even if the presented ethnographic materials have just an exemplary function, it has been manifested how eating is a way of doing pedagogy by other means in the kindergarten.

Following the so-called “performative turn” in educational science (Wulf and Zirfas 2007), I paid attention to the dynamic interactivity between people and things. Orderings of things such as Christmas cookies, plates, whole-wheat bread, or frozen chicken enable a few things to happen while rendering other possibilities of action impossible. For example, it is easier to make individual portions by using a few plates than by using one platter. A child cannot simply eat sauce with whole-wheat bread; white bread is better for that. For chickens to be maintained in long-term a freezer is necessary.

Such arrangements do not operate in the same way everywhere just because of their material affordances: in Germany, a Christmas cookie is a *Christmas* cookie and not just a cookie, but it would not be the same cookie in the Brazilian village. This is because things do not act alone: things are what they are through their relations to other things: a cookie is a *Christmas cookie* not just because of its shape and the way it looks like or it tastes but *in relation* to room decoration, Christmas narratives, music, and young children’s bodies that are developing a liking for those cookies in Germany.

In a similar way, white bread is *our* i.e. *their* bread for Turkish-German young children, but the opposition between white and whole-wheat bread would not make sense for the German young children. The arrangement of the individual portion is preferred over sharing food in the German kindergarten so as to control and reduce young children’s food intake. The same arrangement is preferred in the Brazilian preschool for a different purpose, i.e. in order to ensure that every child eats enough; taking a second or a third portion in the Brazilian preschool is then encouraged and rewarded while in the German kindergarten it is almost a no-go. Being able to provide countryside young children with frozen chicken in the Brazilian preschool is a reason for the teachers and the local community to feel *proud*, while for middle and upper class parents in Germany this would be a *shame*. Eating in all these cases can be different things: a sensual pleasure, a health risk, an ethnic habit, or a civil right.

Even when moving from one kindergarten to another within Berlin one can find significant differences concerning the pedagogical dimensions of eating: while teachers paid so much attention to the quantity of food consumed by young children in the Lichtenberg kindergarten which participated in the prevention-program, in the Wedding kindergarten which participated in the same prevention program they did not. One would find significant differences also when moving from one village in the region of Espírito Santo in Brazil to the next one.<sup>14</sup>

The complexity increases when new elements come into play and different logics merge with each other: a Christmas cookie on a plate on a table in front of a chair in the lunch room of the kindergarten is an *individual portion* for that day’s afternoon snack, when a) the Protestant pedagogy of *always* eating with moderation (as opposed to fasting and feasting) merges with b) institutionalized rules for eating in East German kindergartens (where the young children were not expected to serve themselves and were not allowed to leave food on their plates), c) the long history of public health policy and prevention of cardiovascular disease in Germany (which has been re-invented in recent life-scientific discourses) and d) the logic of making children happy at Christmas merge with each other; as a result the ordering of Christmas cookies + room decoration + music becomes one plate/one cookie per person in what can be seen as an *up-to-date* as well as a *locally-historically meaningful* setting for eating Christmas cookies in the kindergarten.

Pedagogy therefore does not necessarily consist in transmitting to young children a closed system of values but entails tensions and contradictions. How powerful and power-laden the pedagogy of eating can be was clear in the second example, in which the kindergarten teachers did not allow Turkish-German young children to eat white bread in the kindergarten. This setting materialized a long and ongoing history of privileging whole-wheat bread over white bread in Germany, which began in the Third Reich but was later incorporated in other models of public health, such as the setting approach to obesity prevention in kindergartens, to which I referred above. The new element in this case was the Turkish-German young children and parents' ethnic food preferences and the symbolisms that eating whole-wheat bread entailed as opposed to white bread. Within a broader tensed atmosphere between the German teachers and the Turkish-German parents in the kindergarten, the emphasis on whether young children eat whole-wheat or white bread was not discussed in terms of public health but in terms of identity pedagogics.

In the Brazilian case, the arrangement of chicken + freezer + kindergarten materialized the history of social struggles to achieve modern-standard living conditions for Brazil's countryside population. Eating a proper meal that was provided by the state at school was considered to be a civil right, and was a way of doing citizenship, i.e. ensuring modern-life standards for the countryside young children. The kindergarten was not in this case regarded as a state institution built for controlling or changing the behavior of young children and their parents; it was a state institution supported by the local community and aimed to enable countryside young children access to "modern" life. The frozen chicken materialized in this context the engagement of the local community to ensure the best possible conditions for the growing generation. Eating a proper meal as in any other Brazilian school was a powerful way to educate young children that they are entitled to enjoy modern life standards. This way of doing citizenship education was combined with classroom lessons on Brazilian history or civil rights and other activities such as theatre plays, as I analyze elsewhere (Kontopodis 2012b). Eating tasty, fresh, or organic chicken was therefore not preferred in this setting over eating frozen ones.

Eating Christmas cookies, whole-wheat or white bread or frozen chicken in the kindergarten entails pedagogical values that often are taken for granted by the teachers, the young children, and the parents. Eating often reflects tensions and power constellations, which sometimes become explicit—like in the example of doing identity politics by means of whole-wheat bread. Other times these tensions remain implicit—like the tension between valuing modern technologies and valuing fresh chickens at the Brazilian preschool. Paying attention to how exactly things are ordered opens new paths towards revealing, discussing openly, and questioning the tensions as well as the values that are entailed in everyday early childhood educational and care practices. Revealing, openly discussing and questioning tensions and values opens in turn possibilities to *do* pedagogy differently, without however adopting too quickly the one or the other position.

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## Endnotes

- 1 My research followed the ethical guidelines and written and unwritten laws for research with young children in Germany and in Brazil: the optional and informed participation of the children; explicit agreement of the adult caretakers, of the teachers as well as of the school authorities; the maintenance of anonymity; information sensitivity; and attendance to the concerns of the research participants.
- 2 The name of the village is not revealed as to ensure anonymity. Child day-care in Germany starts from the age of 6 months. Kindergarten usually runs from 3 to 6 years and links to primary school. There exists a strong East/West difference in day-care infrastructure, with the former East offering a much better network of public day care and pre-school educational settings. In Brazil the age structure is the same and the word equivalent to kindergarten is *pré-escola*. The quality of the public *educação infantil* varies a lot when moving from the South to the North and from the countryside to urban spaces. Comparing to countries such as UK or US it seems however that both the German and Brazilian states have been expected to invest a lot in public early childhood education by the local societies and significant efforts have been undertaken so that most children can attend the public kindergarten/preschool. In Brazil educated and richer families still prefer to register their children with private kindergartens/preschools, which usually offer a higher quality early childhood education than public kindergartens.
- 3 In German *AOK* i.e. *Allgemeine Ortskrankenkasse*, one of the main health insurance providers within the national health care system in Germany.
- 4 In German the term *teacher* is different for early childhood education (*Erzieher/-in*) and for primary education (*Lehrer/in*); another translation of *Erzieher/-in* could be *carer*, I use the term *teacher* though because the German kindergarten is primarily an institution for early childhood *education* and not just for early childhood *care*.
- 5 The sensual and aesthetic aspects of rituals, as well as their educational dimensions, have been thoroughly studied in the context of the research cluster *Performative Cultures* at the Free University Berlin (Wulf et al. 2001, 2004).
- 6 The analysis presented here is contextualized within the wider medical, social, and political discrimination that obese and overweight bodies experience in contemporary Western societies (cf. Rich and Evans 2005; Rothblum and Solovay 2009). It is thus situated in a broader body of critical research about obesity, biopolitics, and biopedagogies, and corresponds especially with the research direction that explores how values around food, eating, and fatness are transmitted through families and schools to children and young people (Evans et al. 2009; Evans et al. 2008; Guthman 2009; Rawlins 2008). While the literature on the obesity discourse and education is growing, most studies focus on school-aged children and adolescents; there is a lack of critical studies on obesity and obesity prevention with regard to preschool-aged children—a gap which the research presented here aimed to fill.



- 7 Throughout this history until today, a tension has existed between individualized notions of health and more population-oriented ones, leading to different dominant modes of preventive medicine in the country's different historical eras, from the Weimar Republic, Third Reich, and the post-war period to later times marked by the movement of *Soziale Medizin* (i.e. socialized medicine, cf. Niewöhner et al. 2011).
- 8 "Logic" refers to discourse as well as to ways to do things in practice, see Mol 2008b.
- 9 The AOK follows relatively mainstream Western nutritional knowledge embodied in the nutritional pyramid (1. Liquids, 2. Bread, Cereal, Rice, and Pasta, 3. Fruits and Vegetables, 4. Animal Products: Milk, Dairy Products, Meat, Fish, Eggs, 5. Fats and Oils, 6. Sweets and Snacks). Children are supposed to eat a lot of the categories 1, 2, and 3, eat with moderation from category 4, and very little from the categories 5 and 6 and the bread (and if possible all category 2 products) should be whole-wheat. Drinks should be without calories, i.e. water, fruit tea, or water with a little bit of juice. These guidelines are explained to children by various playful means and also followed by the kindergarten kitchens. All nutritional models are relative, however, and a recent British study that could easily apply to this German kindergarten as well (where no such study has yet taken place) would privilege the consumption of white bread because it found fibre levels in the majority of nurseries to be too high. Many were closer to the recommendation for adults. Fibre is sourced from fruit, vegetables, pulses, and wholemeal foods such as brown rice, pasta, and wholemeal bread. Too much fibre is detrimental for young children because it is bulky and filling, and so may cause insufficient food intake. Fibre also inhibits the absorption of minerals such as iron and zinc (Local Authorities Coordinators of Regulatory Services/LACORS 2010, p. 15).
- 10 Cf. the special issue *Doing Memory, Doing Identity: Politics of the Everyday in Contemporary Global Communities* (Kontopodis and Matera 2010).
- 11 There is significant research about how the obesity discourse goes together with ethnic discrimination. The above-presented findings correspond with similar findings from studies of school-age children in the UK and elsewhere (Azzarito 2008; Rawlins 2009; Rich and Evans 2008; Saguy and Almeling 2008; Tomrley and Kaloski Naylor 2009).
- 12 The so-called *National Program of School Alimentation* (*Programa Nacional de Alimentação Escolar*) has its origin in various initiatives that took place in the 1940s–50s. It was, however, after strong social movements and only in 1988 that the provision of food in all institutions of early, primary, and secondary education became a constitutional right. This program consists in the transfer of financial resources from the Federal Government to the states, prefectures, and municipal authorities, so that they can acquire the necessary products and finance the applicable services for the distribution of school meals (*merenda escolar*).
- 13 The various aspects of everyday life within this context with a particular emphasis on schooling and pedagogics have been analyzed elsewhere (Kontopodis 2012b; Kontopodis et al. 2014), and I will not go into details here.
- 14 One should note here that indigenous people or other countryside communities would not collaborate with the state but would prefer to establish parallel structures such as self-organizing the provision of food for the children, self-organizing the local school, or avoiding unnecessary use of modern technology. The countryside community referred to above is thus a particular one that prioritizes a certain way of macro-politics, while the Brazilian countryside is too heterogeneous to consider here.



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